

Title (en)
SYSTEM AND METHOD FOR OPERATING AND MONITORING AN AUTOMATION SYSTEM

Title (de)
SYSTEM UND VERFAHREN ZUM BEDIENEN UND BEOBACHTEN EINES AUTOMATISIERUNGSSYSTEMS

Title (fr)
SYSTEME ET PROCEDE POUR LE CONTROLE-COMMANDE D'UN SYSTEME D'AUTOMATISATION

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Abstract (en)
[origin: US2004158412A1] A system and a method for operating and monitoring an automation system, in which, via virtual installation models (1), processes of the automation system are, by means of a display unit (2), displayed or represented as a representation of real installation components (7). The display unit 2 includes input screen sections (4a, 4b, 4c) in order to allow a user to interactively operate displayed installation components 8. The method allows the user to navigate in the virtual installation models 8, which exactly reflect the real conditions and the current conditions of the automation system. By combining 2D and 3D displays or representations, the user can choose the most appropriate form of representation for the individual case at hand. The invention thus facilitates a reality-based representation of the automation system, which makes it possible to intuitively operate and monitor even complex processes.

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